

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
 Data File : BM005518.D
 Acq On : 20 May 2016 03:22
 Operator : UM/SJ
 Sample : H2890-16 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WY6

Manual Integrations
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Quant Time: May 20 04:36:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 01:00:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	63765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	363275	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	264088	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	731305	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1152284	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1353918	20.00	ng/ul	0.00

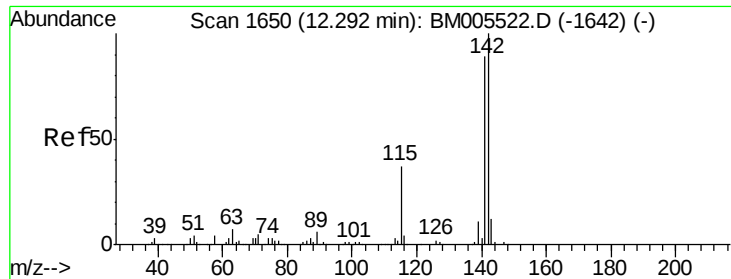
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	954	0.58	ng/uL	0.01
5) Phenol-d5	7.00	99	26700	4.36	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	13987	4.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	19830	4.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	24778	4.75	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	10436	3.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	11103	3.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	25636	4.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	36567	5.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	96528	4.45	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	115797	4.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	928	0.21	ng/ul	0.02
57) Fluorene-d10	15.46	176	97744	5.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.30	188	173449	5.16	ng/ul	0.00
76) Pyrene-d10	19.60	212	234026	5.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	328339	5.42	ng/ul	0.00

Target Compounds

						Qvalue
34) 2-Methylnaphthalene	12.29	142	40901	2.82	ng/ul	96
44) Dimethylphthalate	13.92	163	36484	1.65	ng/ul	97
60) 4-Nitroaniline	15.53	138	9650	1.81	ng/ul#	76
69) Phenanthrene	17.25	178	61487	1.48	ng/ul	95
73) Di-n-butylphthalate	18.17	149	165164	3.58	ng/ul	99
74) Fluoranthene	19.26	202	141619	2.91	ng/ul#	95
77) Pyrene	19.63	202	120490	1.95	ng/ul#	92
79) 3,3'-Dichlorobenzidine	21.30	252	81120	3.68	ng/ul	96
80) Benzo(a)anthracene	21.37	228	83729	1.24	ng/ul	96
82) Chrysene	21.42	228	78316m	1.22	ng/ul	
85) Benzo(b)fluoranthene	22.99	252	122670	1.58	ng/ul#	91
88) Benzo(a)pyrene	23.57	252	89674	1.16	ng/ul#	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed



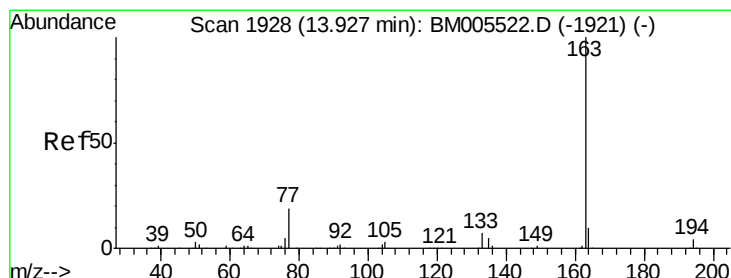
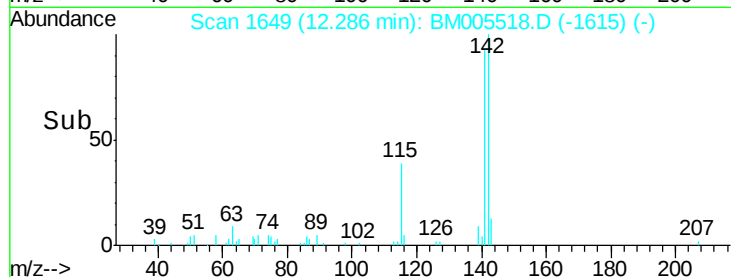
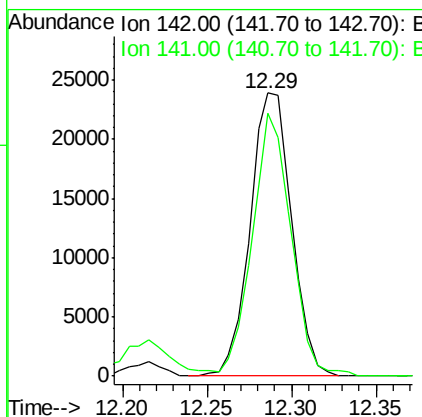
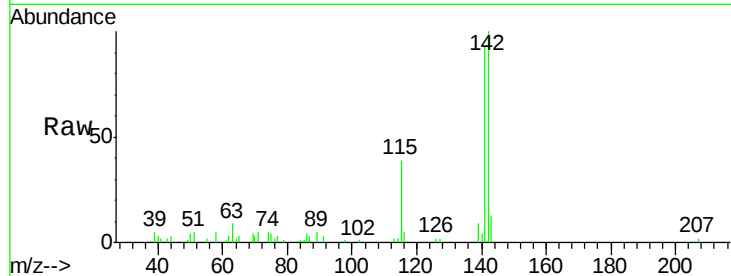
#34
2-Methylnaphthalene
Concen: 2.82 ng/ul
RT: 12.29 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BM005518.D
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Instrument :
BNA_M
ClientSampled :
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Tgt Ion:142 Resp: 40901
Ion Ratio Lower Upper
142 100
141 92.7 71.3 106.9

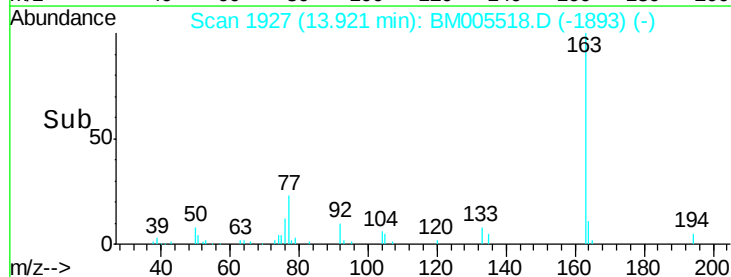
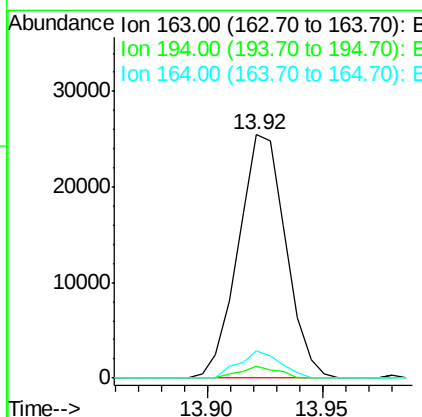
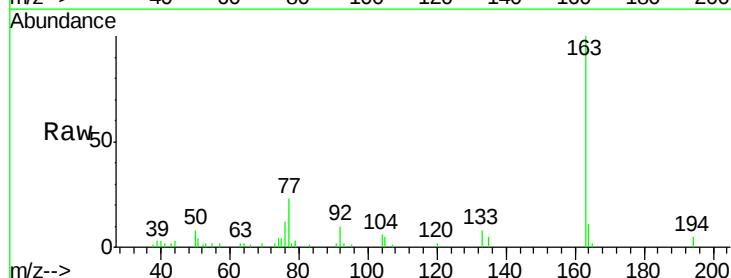
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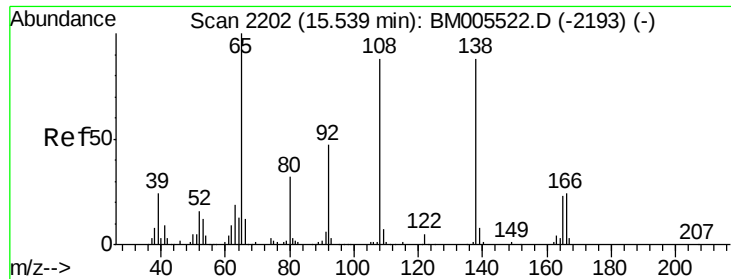
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#44
Dimethylphthalate
Concen: 1.65 ng/ul
RT: 13.92 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BM005518.D
Acq: 20 May 2016 03:22

Tgt Ion:163 Resp: 36484
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.0
164 11.0 7.9 11.9





#60

4-Nitroaniline

Concen: 1.81 ng/ul

RT: 15.53 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BM005518.D

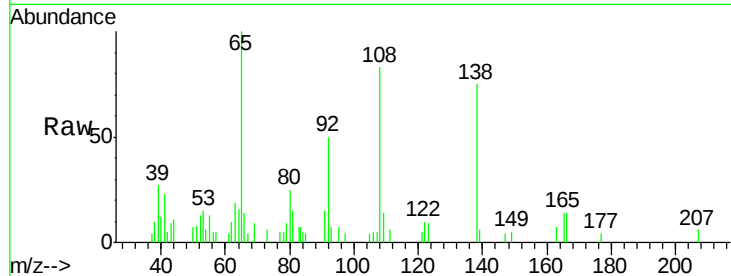
Acq: 20 May 2016 03:22

Instrument :

BNA_M

ClientSampleId :

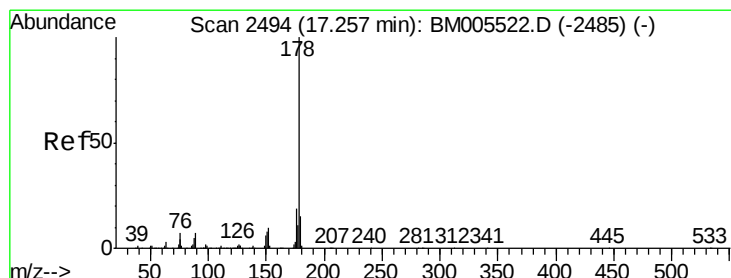
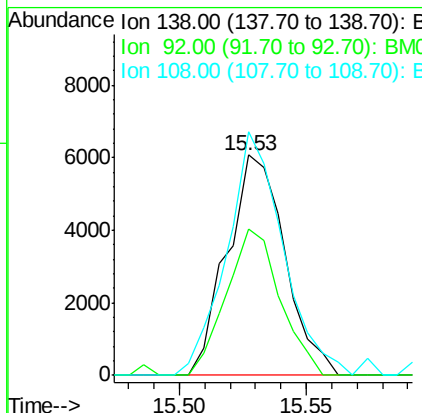
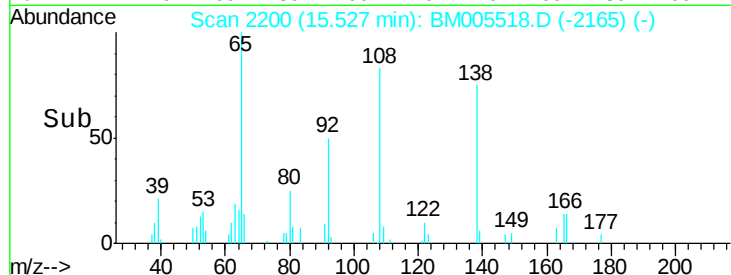
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Tgt Ion:	138	Resp:	9650
Ion Ratio	Lower	Upper	
138	100		
92	66.4	44.3	66.5
108	110.5	66.3	99.5#

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#69

Phenanthrene

Concen: 1.48 ng/ul

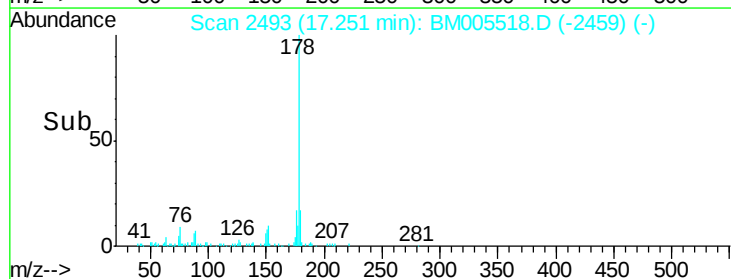
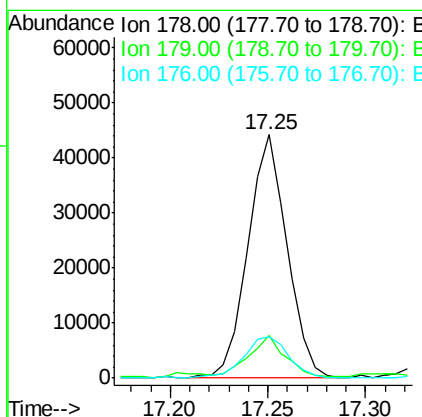
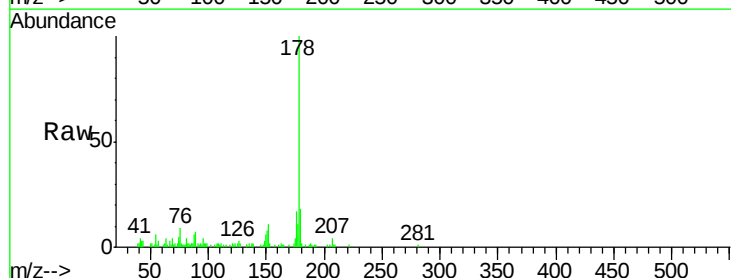
RT: 17.25 min Scan# 2493

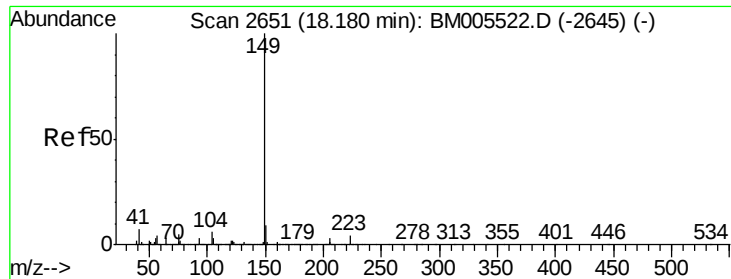
Delta R.T. -0.00 min

Lab File: BM005518.D

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Tgt Ion:	178	Resp:	61487
Ion Ratio	Lower	Upper	
178	100		
179	17.6	12.3	18.5
176	17.0	15.2	22.8





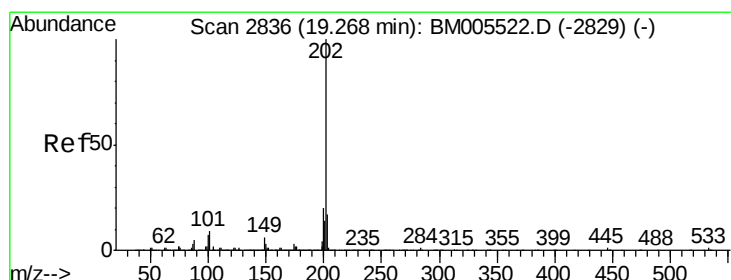
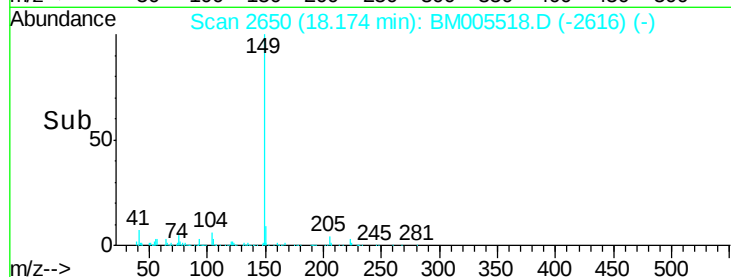
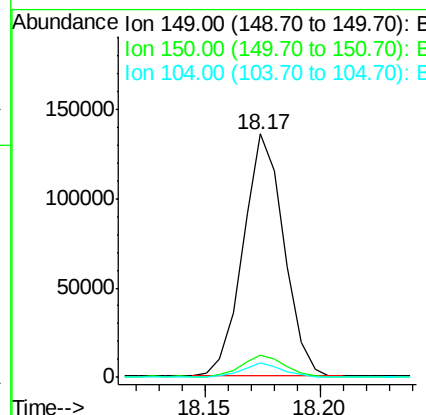
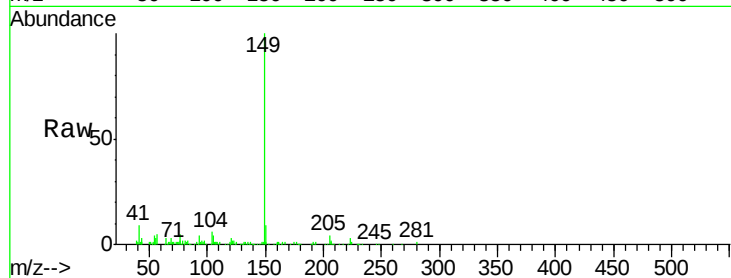
#73
Di-n-butylphthalate
Concen: 3.58 ng/ul
RT: 18.17 min Scan# 2650
Delta R.T. -0.00 min
Lab File: BM005518.D
Acq: 20 May 2016 03:22

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.3	7.3	10.9
104	5.9	4.1	6.1

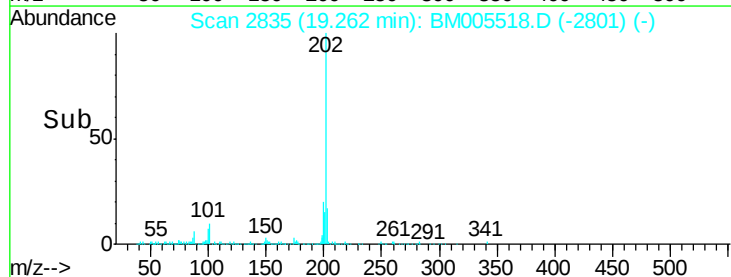
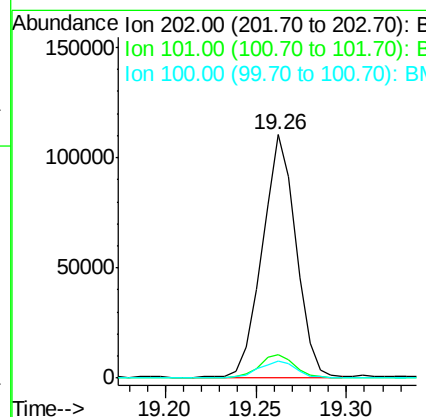
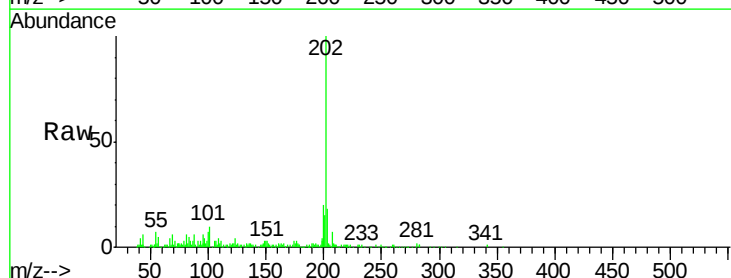
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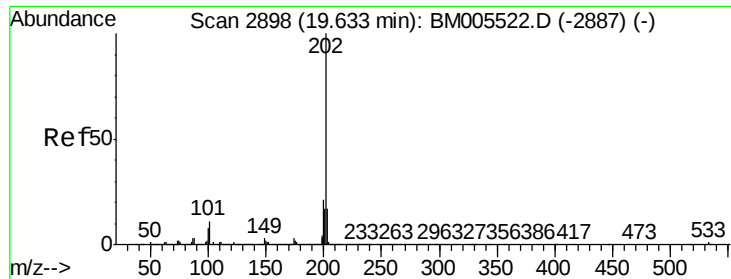
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#74
Fluoranthene
Concen: 2.91 ng/ul
RT: 19.26 min Scan# 2835
Delta R.T. -0.00 min
Lab File: BM005518.D
Acq: 20 May 2016 03:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.9	9.2	13.8
100	6.9	7.1	10.7#





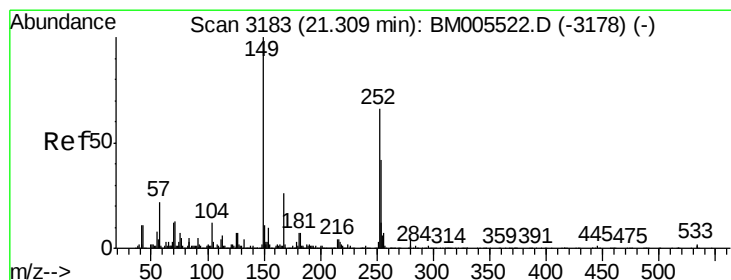
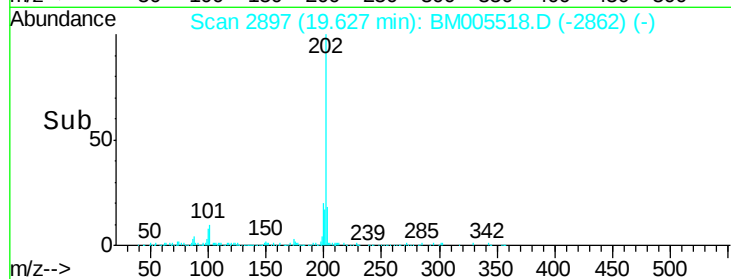
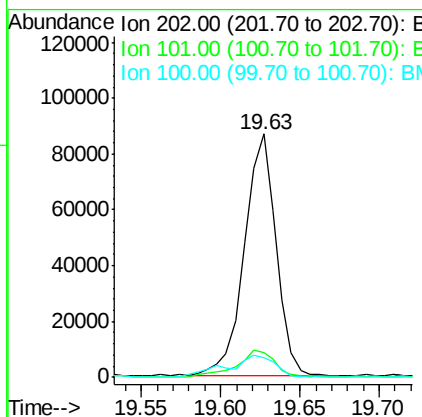
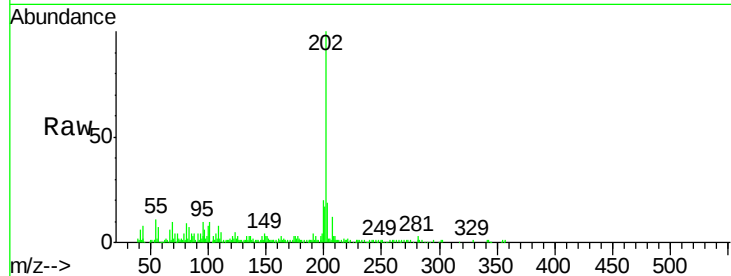
#77
 Pyrene
 Concen: 1.95 ng/ul
 RT: 19.63 min Scan# 2897
 Delta R.T. 0.01 min
 Lab File: BM005518.D
 Acq: 20 May 2016 03:22

Instrument :
 BNA_M
 ClientSampleId :
 D9WY6

Tgt Ion:	202	Resp:	120490
Ion Ratio	Lower	Upper	
202	100		
101	10.2	10.8	16.2#
100	7.8	8.4	12.6#

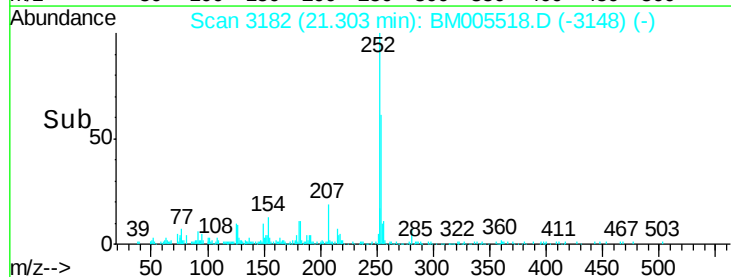
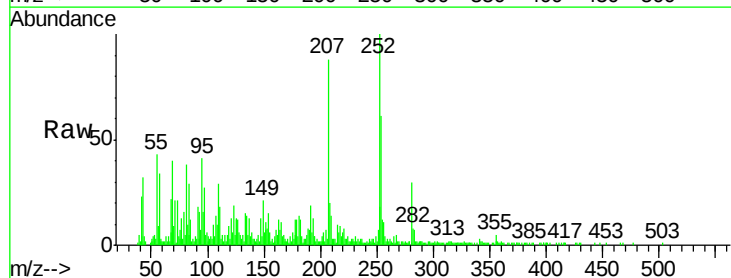
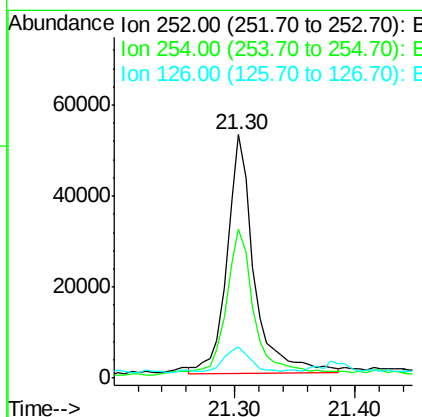
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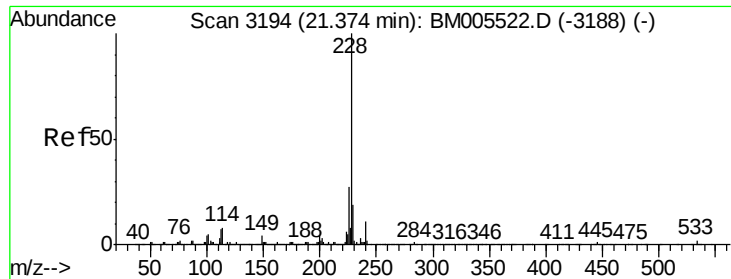
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#79
 3,3'-Dichlorobenzidine
 Concen: 3.68 ng/ul
 RT: 21.30 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: BM005518.D
 Acq: 20 May 2016 03:22

Tgt Ion:	252	Resp:	81120
Ion Ratio	Lower	Upper	
252	100		
254	61.4	52.1	78.1
126	12.8	9.8	14.8





#80

Benzo(a)anthracene

Concen: 1.24 ng/ul

RT: 21.37 min Scan# 3193

Delta R.T. -0.00 min

Lab File: BM005518.D

Acq: 20 May 2016 03:22

Instrument :

BNA_M

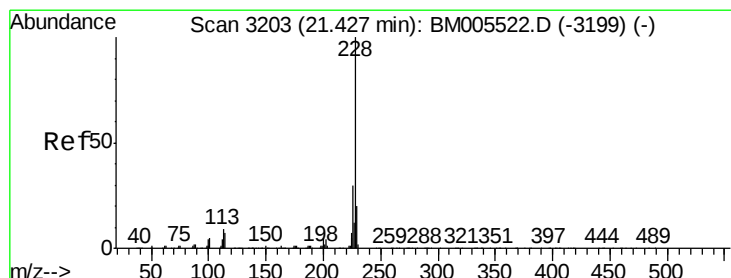
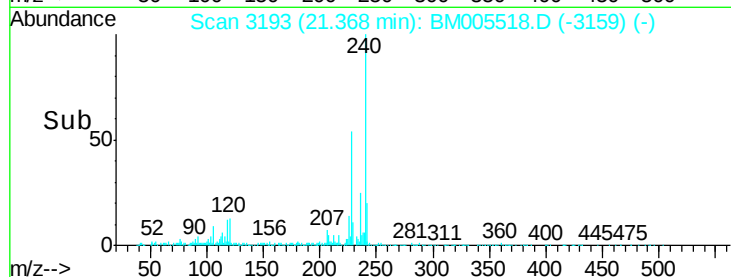
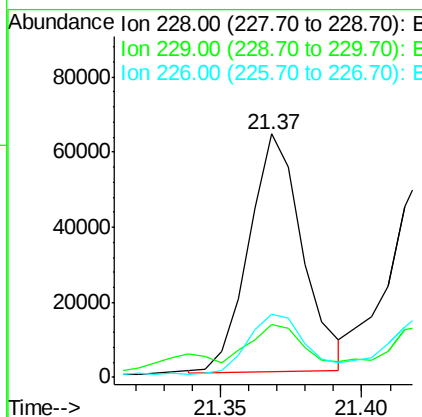
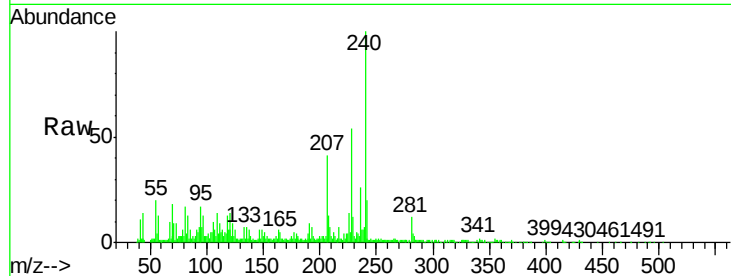
ClientSampleId :

D9WY6

Tgt Ion:	228	Resp:	83729
Ion Ratio	Lower	Upper	
228	100		
229	21.9	15.5	23.3
226	26.2	21.8	32.8

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#82

Chrysene

Concen: 1.22 ng/ul m

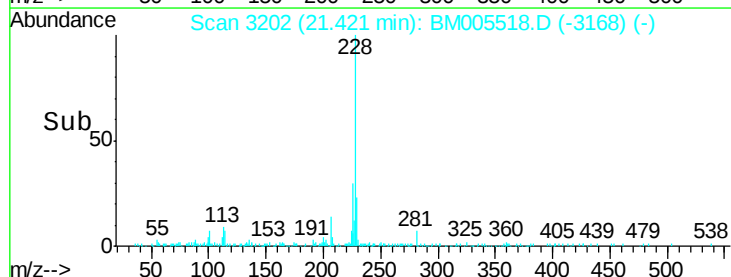
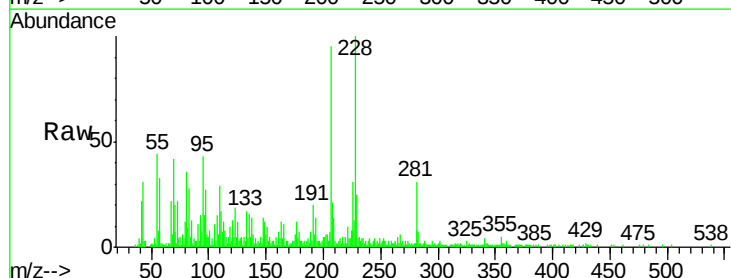
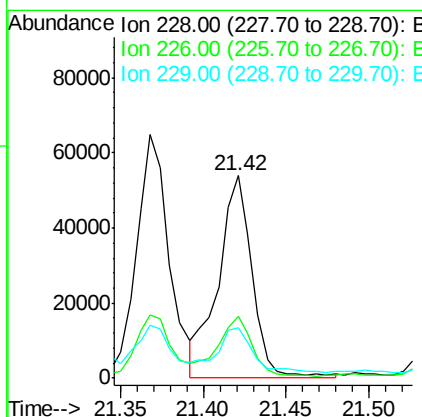
RT: 21.42 min Scan# 3202

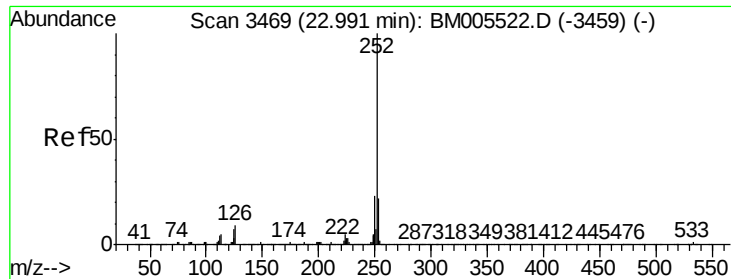
Delta R.T. -0.00 min

Lab File: BM005518.D

Acq: 20 May 2016 03:22

Tgt Ion:	228	Resp:	78316
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.6	35.4
229	24.6	15.4	23.0#





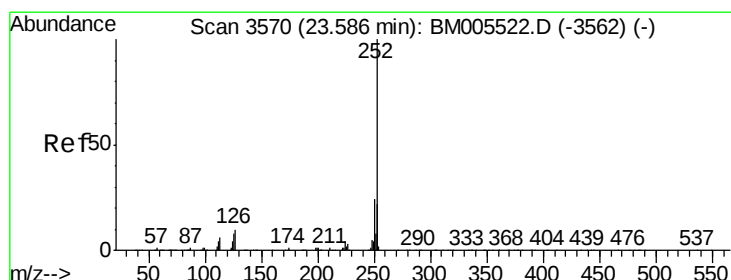
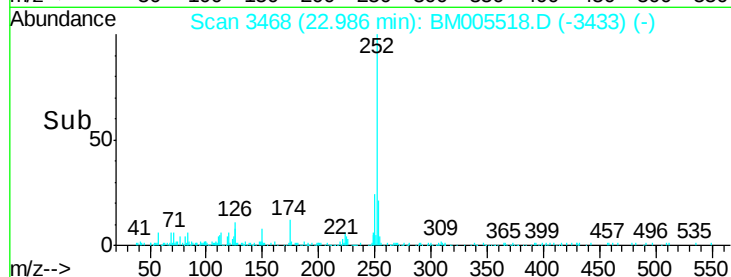
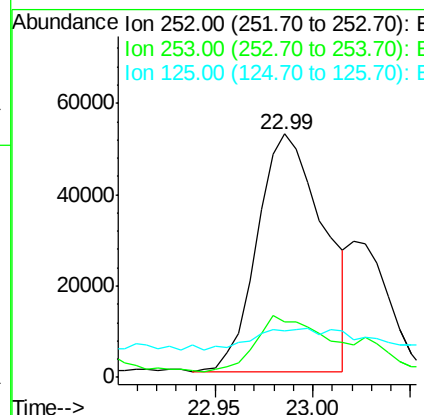
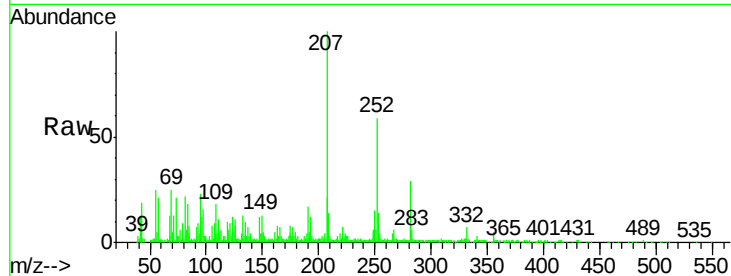
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Benzo(b)fluoranthene
Concen: 1.58 ng/ul
RT: 22.99 min Scan# 3468
Delta R.T. 0.01 min
Lab File: BM005518.D
Acq: 20 May 2016 03:22

Instrument :
BNA_M
ClientSampleId :
D9WY6

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.0	17.4	26.2
125	19.3	8.4	12.6

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#88
Benzo(a)pyrene
Concen: 1.16 ng/ul
RT: 23.57 min Scan# 3568
Delta R.T. 0.01 min
Lab File: BM005518.D
Acq: 20 May 2016 03:22

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.4	17.5	26.3
125	20.5	8.7	13.1

